

PATENT Attorney Docket No. P06648US00 - PHI 1866

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

KRAMER, Joachim Ernst

Group Art Unit: 1638

SERIAL NO:

10/769,109

Examiner:

FILED:

January 30, 2004

Confirmation No:

TITLE:

**HYBRID MAIZE 39F59** 

## INFORMATION DISCLOSURE STATEMENT FILED WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Applicant directs the Examiner's attention to the following patents and/or other documents which may be material to the examination of this application. References that are U.S. patents are not required to be submitted. Copies of the references are enclosed. The Examiner is urged to consider these documents and make them of record in this application. This submission is not intended to constitute an admission of any kind, and in particular is not an admission that any patent, or other document referred to herein constitutes a printed publication or is otherwise properly citable as prior art with respect to this application. No representation is made that a search has been conducted or that no more material information

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Lila A. T. Akrad

than that cited herein exists. Accordingly, this submission is not intended to take the place of the Examiner's own independent search of the art.

A list of the patents and/or other documents is set forth on the attached Form(s) PTO-SA08B and SB/08B.

A copy of each of these documents or translations or abstract as appropriate, is attached or will be forwarded as soon as it becomes available.

Respectfully submitted, Joachim Ernst Kramer

BY Li

Lila A. T. Akrad, Reg. No. 52,550 McKEE, VOORHEES & SEASE 801 Grand Avenue, Suite 3200 Des Moines, Iowa 50309-2721

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Attorneys of Record

Form PTO/SA08B (10-01)
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Substi	tute for form 1449A	<b>NPTO</b>		Complete if Known		
				Application Number	10/769,109	
INFO	RMATION D	OISC	LOSURE	Filing Date	January 30, 2004	
	TEMENT BY			First Named Inventor	KRAMER, Joachim Ernst	
				Art Unit	1638	
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Sheet	1	of	4	Attorney Docket Number	P06648US00 - 1866	

U.S. PATENT DOCUMENTS							
Examiner Initials *	Cite No. <sup>1</sup>	<u>Document Number</u> , Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
	1	4,812,599	03/14/1989	Segebart			
	2	5,491,286	02/13/1996	Luedtke, Jr. et al.			
	3	5,750,835	05/12/1998	Luedtke, Jr.			
	4	5,859,319	01/12/1999	Luedtke, Jr.			
	5	5,917,134	06/29/1999	Kramer			
	6	5,942,671	08/24/1999	Luedtke, Jr.			
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	9	6,037,530	03/14/2000	Luedtke, Jr.			
	10	6,118,053	09/12/2000	Weber			
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FOREIGN PATENT DOCUMENTS									
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>			
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Substitu	te for form 1449B/F	то		Complete if Known		
				Application Number	10/769,109	
INFO	RMATION D	ISCL	OSURE	Filing Date	January 30, 2004	
	EMENT BY			First Named Inventor	KRAMER, Joachim Ernst	
			LIGAITI	Group Art Unit	1638	
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Sheet	2	of	4	Attorney Docket Number	P06648US00 - 1866	

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>				
	12	Plant Variety Protection Act, Certificate No. 9400097 for Corn 'PHKM5' issued 07/29/1994					
	13	Plant Variety Protection Act, Certificate No. 9600172 for Corn 'PH47A' issued 07/30/1999					
	14	Plant Variety Protection Act, Certificate No. 9600177 for Corn 'PHFW4' issued 07/30/1999					
	15	Plant Variety Protection Act, Certificate No. 9800320 for Corn, Field 'PH185' issued 01/30/2001	1				
	16	Plant Variety Protection Act, Certificate No. 9800362 for Corn, Field 'PH0JG' issued 05/08/2001					
	17	Plant Variety Protection Act, Certificate No. 200100230 for Corn, Field 'PH4V6' issued 04/10/2003	<del>                                     </del>				
	18	Plant Variety Protection Act, Certificate No. 200100252 for Corn, Field 'PH77V' issued 05/23/2003	<del>                                     </del>				
	19	Berry et. al., Assessing Probability of Ancestry Using Simple Sequence Repeat Profiles: Applications to Maize Inbred Lines and Soybean Varieties" Genetics 165:331-342 (2003)					
	20	Boppenmaier, et al., "Comparisons Among Strains of Inbreds for RFLPs", Maize Genetics Cooperative Newsletter, 65:1991, pg. 90					
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	25	Green, et al. (1975) "Plant Regeneration From Tissue Cultures of Maize", Crop Science, Vol. 15, pp. 417-421					
- <u>, , </u>	26	Green, C.E., et al. (1982) "Plant Regeneration in Tissue Cultures of Maize" Maize for Biological Research, pp. 367-372					
	27	Hallauer, A.R. et al. (1988) "Corn Breeding" Corn and Corn Improvement, No. 18, pp. 463-481	T				
	28	Lee, Michael (1994) "Inbred Lines of Maize and Their Molecular Markers", The Maize Handbook Ch. 65:423-432					
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Substitute for form 1449B/PTO Complete if Known **Application Number** 10/769,109 Filing Date January 30, 2004 INFORMATION DISCLOSURE First Named Inventor STATEMENT BY APPLICANT KRAMER, Joachim Ernst Group Art Unit (Use as many sheets as necessary) **Examiner Name** Sheet 3 of Attorney Docket Number P06648US00 - 1866 NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Examiner т Initials \* Openshaw, S.J., et al. (1994) "Marker-assisted selection in backcross breeding". p. 41-43. In 30 Proceedings of the Symposium Analysis of Molecular Marker Data. 5-7 August 1994. Corvallis, OR. American Society for Horticultural Science/Crop Science Society of America. Phillips, et al. (1988) "Cell/Tissue Culture and In Vitro Manipulation", Corn & Corn Improvement, 3rd 31 Ed., ASA Publication, No. 18, pp. 345-387 Poehlman et al (1995) Breeding Field Crop, 4th Ed., Iowa State University Press, Ames, IA., pp. 132-32 155 and 321-344 33 Rao, K.V., et al., (1986) "Somatic Embryogenesis in Glume Callus Cultures", Maize Genetics Cooperative Newsletter, No. 60, pp. 64-65 Sass, John F. (1977) "Morphology", Corn & Corn Improvement, ASA Publication, Madison, WI pp. 89-34 Smith, J.S.C., et al., "The Identification of Female Selfs in Hybrid Maize: A Comparison Using 35 Electrophoresis and Morphology", Seed Science and Technology 14, 1-8 Songstad, D.D. et al. (1988) "Effect of ACC(1-aminocyclopropane-1-carboyclic acid). Silver Nitrate & 36 Norbonadiene on Plant Regeneration From Maize Callus Cultures", Plant Cell Reports, 7:262-265 37 Tomes, et al. (1985) "The Effect of Parental Genotype on Initiation of Embryogenic Callus From Elite Maize (Zea Mays L.) Germplasm", Theor. Appl. Genet., Vol. 70, p. 505-509 Trover, et al. (1985) "Selection for Early Flowering in Corn: 10 Late Synthetics", Crop Science, Vol. 25, pp. 695-697 39 Umbeck, et al. (1983) "Reversion of Male-Sterile T-Cytoplasm Maize to Male Fertility in Tissue Culture", Crop Science, Vol. 23, pp. 584-588 Wan et al., "Efficient Production of Doubled Haploid Plants Through Colchicine Treatment of Anther-40 Derived Maize Callus", Theoretical and Applied Genetics, 77:889-892, 1989 Wright, Harold (1980) "Commercial Hybrid Seed Production", Hybridization of Crop Plants, Ch. 8:161-41 42 Wych, Robert D. (1988) "Production of Hybrid Seed", Corn and Corn Improvement, Ch. 9, pp. 565-Weber, Garhard Peter, HYBRID MAIZE PLANT & SEED 39R62, U.S. Serial No. 09/759,791 filed 01/12/2001 Weber, Gerhard Peter, INBRED MAIZE LINE PH77VU.S. Serial No. 09/759,759 filed 01/12/2001 44 45 Luedtke et al., INBRED MAIZE LINE PH4V6, U.S. Serial No. 09/760,155 filed 01/12/2001 46 Puskaric et al., INBRED MAIZE LINE PH9AH, U.S. Serial No. 10/271,114 filed 10/15/2002

Examiner	Date		
Signature	Considered		

Substitute for form 1449B/PTO Complete if Known 10/769,109 **Application Number** Filing Date January 30, 2004 **INFORMATION DISCLOSURE** First Named Inventor STATEMENT BY APPLICANT KRAMER, Joachim Ernst Group Art Unit 1638 (Use as many sheets as necessary) **Examiner Name** Sheet 4 of P06648US00 - 1866 Attorney Docket Number NON PATENT LITERATURE DOCUMENTS Cite No. 1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Examiner T<sup>2</sup> Initials \* 47 (DO NOT PUBLISH) U.S. Serial No. 10/271,855 filed 10/15/2002 48 (DO NOT PUBLISH) U.S. Serial No. 10/271,951 filed 10/15/2002 Examiner Date Signature Considered

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